

80A EV Charging Station

Specification Sheet

- 80 amps of power provides fast charging for fleet vehicles
- LED status indicator light
- Robust design rated for indoor or outdoor use
- Integrated charging handle holster
- WiFi, LTE, and RFID connectivity
- ISO 15118 ready, V2X



Up to
80A
of power



ISO 15118
ready

Electrical

Connector Type	SAE J1772
Charging Cable Length	15 ft (4.5m)
Metering Accuracy	+/- 1.0% Embedded
Power Output Rating	Maximum 80A, Alternate Adjustable to 10, 12, 16, 20, 24, 32, 40, 48, or 63 Amp Outputs 19.2kW
Power Input Rating	208/240VAC, 60Hz Nominal
Power Wiring	3 Wire - L1, L2 Plus Earth (No Neutral)
Protections	Over/Under Voltage Surge Protection 6kV Internal GFCI (External GFCI May Cause Conflicts) Over/Under Temperature CCID 20mA
Input Cord	Hardwire

Communication

Communication Protocols	OCPP 1.6J ISO 15118
WiFi	WiFi 802.11, Type b/g/n 2.4GHz
Cellular	4G LTE (Verizon)
RFID	RFID ISO 14443A/B, ISO 15693, 13.56mHz
Ethernet	Active Ethernet Port; LAN 10/100

Certifications

FCC Part 15B	
Warranty	3 years

Enclosure

Weight and Dimensions	32 lbs (14.5 kg) 12.5 x 20.8 x 5.7 inches (317 x 529 x 145 mm)
Operational Ratings	NEMA3R, Indoor/Outdoor Rated -22°F to 122°F (-30°C to 50°C) IK10 Impact Rating Humidity: 95% Non-Condensing
Storage Ratings	-40°F to 158°F (-40°C to 70°C) Humidity: 85% Non-Condensing
Display	LED Charge Status Indicators (Power/Ready, Charging, Fault)
Mounting Options	Wall or Pedestal Installation
Cable Management	Integrated Charge Handle Holster, Cable Hook
Maximum Altitude	3500m
Solar Radiation	1120 W/m ² (Class 2K4)
Wind Rating	12 Beaufort

Part Numbers

EVC8001000	80A with 15ft Cable
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Visit evocharge.com for more information or to download an installation manual.